Amendments to the Specification:

*Please **insert** the text indicated below between the paragraph ending on **Page 9, line 12** of the Summary section of the originally-filed application and the heading entitled* "Objects and Advantages" *on **Page 9, line 13**.*

– In one embodiment, a process is provided for enhancing ambience in audio source signals. The processing includes generating a first audio signal and generating a second audio signal; delaying and attenuating said second audio signal to form a third audio signal; summing said third audio signal with said first audio signal to form a fourth audio signal; delaying and attenuating said first audio signal to form a fifth audio signal; subtracting said fifth audio signal from said fourth audio signal to form a sixth audio signal; delaying and attenuating said second audio signal to form a seventh audio signal; subtracting said seventh audio signal from said sixth audio signal to form an eighth audio signal; delaying and attenuating said first audio signal to form a ninth audio signal; and summing said eighth audio signal with said ninth audio signal to form an output signal for one channel of a multiple channel audio system for driving a speaker. Using this process, the ambience of one channel of an audio system is enhanced.

In one embodiment, the process further includes delaying and attenuating said first audio signal to form a tenth audio signal; subtracting said tenth audio signal from said second audio signal to form an eleventh audio signal; delaying and attenuating said second audio signal to form a twelfth audio signal; subtracting said twelfth audio signal from said eleventh audio signal to form an thirteenth audio signal; delaying and attenuating said first audio signal to form a fourteenth audio signal; summing said fourteenth audio signal with said thirteenth audio signal to form a fifteenth audio signal; delaying and attenuating said second audio signal to form a sixteenth audio signal; and summing said sixteenth audio signal with said fifteenth audio signal to form an output signal for a second channel of a multiple channel audio system for driving a speaker.

Through the use of this process, the ambience of two channels of an audio system are enhanced.

In one embodiment, the step of generating a second audio signal includes generating a copy of said first generated audio signal in a monaural audio system.

In one embodiment, the process may include delaying and attenuating said second audio signal to form a seventeenth audio signal; inverting said seventeenth audio signal to form an eighteenth audio signal; delaying and attenuating said first audio signal to form a nineteenth audio signal; summing said eighteenth and nineteenth audio signals to form a twentieth audio signal; delaying and attenuating said second audio signal to form a twenty first audio signal; and summing said twentieth and twenty first audio signals to form a first surround sound channel audio signal.

In one embodiment, the process may include delaying and attenuating said first audio signal to form a twenty second audio signal; delaying and attenuating said second audio signal to form a twenty third audio signal; summing said twenty second and twenty third audio signals to form a twenty fourth audio signal; delaying and attenuating said first audio signal to form a twenty fifth audio signal; and subtracting said twenty fifth audio signal from said twenty fourth audio signal to form a second surround sound channel audio signal.

In one specific embodiment, second audio signal is delayed about 30 milliseconds to form the third audio signal.

In one specific embodiment, the first audio signal is delayed about 30 milliseconds to form the tenth audio signal.

In one specific embodiment, the second audio signal is attenuated about 15 decibels to form the third audio signal.

In one specific embodiment, the first audio signal is attenuated about 15 decibels to form the tenth audio signal. --